

From: [Denise Zeno](#)
To: [Rebecca Ofrane](#)
Cc: [Arlene Anderson](#)
Subject: Re: Fw: Cabo Rojo - SUMMA canister prelims
Date: 03/12/2012 06:48 PM

thanks for your input!

just a little while ago, I sent an email with lots of questions.

in your reply to my email, can you please combine your assessment with Chuck's assessment so we can have an overall picture of what's going on. Chuck evaluated the data containing the IA samples collected at the two pre-schools and EQP and S2B. I cc'ed you on the emails I sent Chuck.

We collected Indoor Air samples in the EQP Building. The samples collected in the classrooms (Headstart) within the EQP building are EQP IA1, IA2, IA3, IA4, IA5. The indoor air samples collected within the printing shop are IA6, IA7, IA8. Indoor air sample # IA9 was collected at a modeling school.

You mentioned that there are exceedances in Serrano Building S2... In your write up please be more specific since there are 2 buildings labeled S2: S2A or S2B. This is important since S2B is a pre-school.

I really appreciate your assistance.

thanks
tomorrow I can be reached at 347-202-4709
Denise

▼ Rebecca Ofrane---03/12/2012 03:43:39 PM---Denise, Here is a summary based on these Summa canister results.

From: Rebecca Ofrane/R2/USEPA/US
To: Denise Zeno/R2/USEPA/US@EPA
Cc: Angela Carpenter/R2/USEPA/US@EPA, Charles Nace/R2/USEPA/US@EPA, Mel Hauptman/R2/USEPA/US@EPA, Michael Sivak/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA
Date: 03/12/2012 03:43 PM
Subject: Re: Fw: Cabo Rojo - SUMMA canister prelims

Denise,
Here is a summary based on these Summa canister results.

Building S2 had 6 subslab and 2 indoor air samples. Two SS samples had exceedances of TCE and PCE over EPA's screening values, for both cancer and noncancer. However, the indoor air samples had very low detections, with PCE exceeding ATSDR's screening level of 0.2 ug/m3 in one of them by an order of magnitude. Other SS locations had low detections of PCE. The VI Pathway here appears to be incomplete, but SS levels indicate justification for ongoing sampling.

Building DEC had 5 SS, 3 indoor, and 1 ambient sample. One SS

sample exceeded screening values for PCE, but none was detected in indoor air. Other SS locations had low detections of PCE, and one had a low detection of TCE. The VI pathway here appears to be incomplete.

Building CRPDC had 3 SS, 2 indoor air, and 1 ambient sample. All three SS samples exceeded EPA's screening values for PCE and TCE. The PCE exceeded the 10-4 screening level (9,400 ug/m3), ranging from 104,000 to 692,000 ug/m3. Indoor air samples had only low detections of PCE, lower than ambient air. It appears that ventilation systems are adequate here, though sampling should continue based on SS levels.

Building EQP/Headstart had 10 SS samples, no indoor air. 9 of the 10 samples had exceedances of PCE over EPA's 10-6 screening level, with one sample location over the 10-4 screening level. TCE also had exceedances, as well as other low levels of VOCs. Also, SS10 had a low detection of PCE that did not exceed screening levels, but Toluene at this location was detected at 131,000 ug/m3. As the VI pathway here is suspected to be complete based on previous sampling, indoor air samples should be confirmed as soon as possible, and EPA should be prepared to take action and install mitigation systems if necessary.

Please let me know if you'd like to discuss or if you have any questions. As Chuck mentioned in his previous assessment, Michael and Angela should weigh in on the results to ensure consistency.

Thanks,
Becky Ofrane
U.S. EPA Region 2 | Superfund Risk Assessment
(212) 637 4302
ofrane.rebecca@epa.gov

-----Denise Zeno/R2/USEPA/US wrote: -----

To: Rebecca Ofrane/R2/USEPA/US@EPA
From: Denise Zeno/R2/USEPA/US
Date: 03/09/2012 04:07PM
Cc: Charles Nace/R2/USEPA/US@EPA, Michael
Sivak/R2/USEPA/US@EPA, Angela Carpenter/R2/USEPA/US@EPA, Mel
Hauptman/R2/USEPA/US@EPA
Subject: Fw: Cabo Rojo - SUMMA cansister prelims

figures will follow in separate email

-----Forwarded by Denise Zeno/R2/USEPA/US on
03/09/2012 04:06PM -----

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To: Arlene Anderson/R2/USEPA/US@EPA, Denise
Zeno/R2/USEPA/US@EPA
From: "Cartwright, Michael W"
<michael.w.cartwright@lmco.com>
Date: 03/09/2012 01:00PM
Cc: Jeff Catanzarita/ERT/R2/USEPA/US@EPA

Subject: Cabo Rojo - SUMMA cansister prelims

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Arlene and Denise,
Attached are the rest of the SUMMA canister prelims
for the Cabo Rojo site. Please let me know if you
haven't received copies of the maps for this
sampling event, and I will provide you with them.
Thanks,
Mike

Michael W. Cartwright
Lockheed Martin - SERAS
2890 Woodbridge Ave.
Edison, NJ 08837
732.321.4284

-----Original Message-----

From: Beauchaine, Benjamin P
Sent: Friday, March 09, 2012 11:15 AM
To: catanzarita.jeff@epa.gov; Cartwright, Michael W
Cc: Depasquale, Geraldine M; Kansal, Vinod C;
Killeen, Deborah A; Miller, Dennis A; Raj Singhvi
Subject: Emailing: SERAS-130-DLP-030912.xlsx, WA#0-
130 Cabo Rojo TO-15 Prelims 34 Airs 030912.PDF

Preliminary results for the TO-15 analysis of 34
air samples received from the Cabo Rojo Site (WA#
0-130) on 03/05/12.

Ben Beauchaine
Chemist Senior

Lab: (732) 321-4394
Office: (732) 494-4006
Cell: (714) 417-7628

Your message is ready to be sent with the following
file or link attachments:

SERAS-130-DLP-030912.xlsx
WA#0-130 Cabo Rojo TO-15 Prelims 34 Airs 030912.PDF

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programs may prevent sending or receiving certain
types of file attachments. Check your e-mail
security settings to determine how attachments are
handled.

[attachment "SERAS-130-DLP-030912.xlsx" removed by Rebecca
Ofrane/R2/USEPA/US]

[attachment "WA#0-130 Cabo Rojo TO-15 Prelims 34 Airs 030912.PDF"]

removed by Rebecca Ofrane/R2/USEPA/US][attachment "Cabo 0312 VI
sampling.docx" deleted by Denise Zeno/R2/USEPA/US]